

# **WINCO** Automatic Packaged Standby Systems Designed For Homes, Businesses and Industrial Applications

## Why Buy An Automatic Standby System?

An automatic standby generator is a permanently installed, fully automatic emergency generator system that continuously monitors the incoming utility power supply. The system is designed to automatically furnish electrical power to pre-selected circuits in your home that supply your lighting, heating and cooling, appliances and water. There's no need for extension cords, gasoline cans for refueling, or manual start pull ropes because WINCO's Packaged Standby System supplies back up electric power **automatically**.

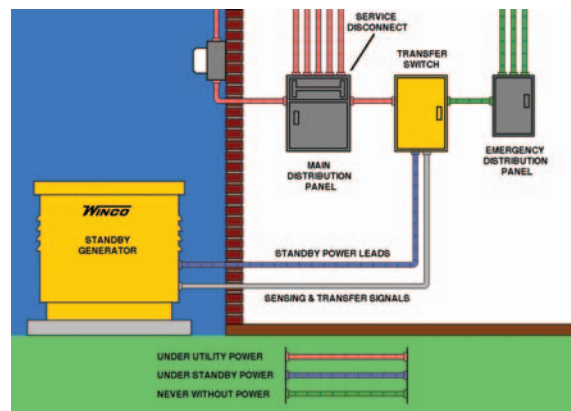
Powered by premium engines, WINCO packaged standby systems are perfect for back up power. Sound attenuated, weather protective enclosures are made using galvanized steel with a powder paint finish for long life durability. The solid state control system operates the generator automatically when signalled by the automatic transfer switch mounted next to your incoming service panel. Standard features include: cycle crank and overcrank limiting, engine start delay and engine cool down timing, hour meters and battery chargers.

## Features of **WINCO** Automatic Standby Generators

- Easily installed outside new or existing homes
- Direct natural gas or LP fuel systems
- Low maintenance
- Emissions compliant
- Critical grade silencer for quieter operation
- Generator set and components are factory built and tested to NEMA standards
- Sound attenuated housings constructed of galvanized steel with durable baked powder paint finish keeps your generator attractive long into the future

## How Does The System Work?

- An automatic transfer switch (ATS) monitors your utility power and provides 100% isolation between your generator and the utility power. If the incoming power fails, the ATS will send a start signal to the generator set activating the automatic start system on the generator.
- After a short start delay the engine generator will start and begin supplying the ATS with emergency power. At this time, the ATS will transfer your connected distribution panel to the generator powering up your emergency circuits.
- Upon return of utility power, the ATS will transfer your connected distribution panel back to line power and discontinue the start signal to the generator. After a short cool down period the generator will stop and return to the standby mode awaiting the next power interruption.
- The WINCO Standby generator uses your own natural gas or LP fuel system. This provides you with a long continuous run time and unlimited run time in the case of natural gas.



**PSS12H**

### Home Standby Systems - 8kW to 25kW

### Power Rating – Continuous Standby (1)

Model	Power Output (60 Hz)	kW	L P Gas			Natural Gas		
			kVA	Amps	kW	kVA	Amps	
PSS8B	120/240V, 1-Phase, 1.0 p.f.	8	8.0	33	7.2	7.2	30	
PSS12H	120/240V, 1-Phase, 1.0 p.f.	12	12.0	50	10	10.0	42	
PSS15B	120/240V, 1-Phase, 1.0 p.f.	15	15.0	62	12	12.0	52	
PSS15B-4	120/208V, 3-Phase, 0.8 p.f.	15	18.0	52	12	15.0	43	
PSS15B-17	120/240V, 3-Phase, 0.8 p.f.	15	18.0	45	12	15.0	37	
PSS15B-18	277/480V, 3-Phase, 0.8 p.f.	15	18.0	22	12	15.0	19	
PSS25	120/240V, 1-Phase, 1.0 p.f.	25	25.0	104	22.5	22.5	94	
PSS25-4	120/208V, 3-Phase, 0.8 p.f.	25	31.0	87	22.5	28.0	78	
PSS25-17	120/240V, 3-Phase, 0.8 p.f.	25	31.0	75	22.5	28.0	68	
PSS25-18	277/480V, 3-Phase, 0.8 p.f.	25	31.0	37	22.5	28.0	34	

**NOTE: (1) Derate 3.5% per 1,000 feet elevation above sea level.**

## Why Choose **WINCO** vs Other Brands?

- Best overall value in performance and design
- Higher level of customer service to assist you before and after the sale
- Every unit is performance tested prior to shipping, assuring reliable operation
- Performance matched accessories
- A 76+ year leader in generator technology
- Experienced engineers and service technicians
- Superior motor starting for efficient operation
- Built with pride by people who care about quality
- “Clean” electrical power for computers & sensitive equipment



**PSS75LS**



**Optional Automatic Transfer Switch**

### Industrial Packaged Standbys - 27kW to 75kW

Model	Power Output (60 Hz)	kW	Power Rating – Continuous Standby (1)				
			L P Gas		Natural Gas		
			kVA	Amps	kW	kVA	Amps
PSS27LS	120/240V, 1-Phase, 1.0 p.f.	27	27.0	112.5	24	24.0	100
PSS27LS-4	120/208V, 3-Phase, 0.8 p.f.	27	33.7	94	24	30.0	83.3
PSS27LS-17	120/240V, 3-Phase, 0.8 p.f.	27	33.7	81.2	24	30.0	72.1
PSS27LS-18	277/480V, 3-Phase, 0.8 p.f.	27	33.7	40.6	24	30.0	36.1
PSS40LS	120/240V, 1-Phase, 1.0 p.f.	40	40.0	166.6	38	38.0	158.3
PSS40LS-4	120/208V, 3-Phase, 0.8 p.f.	40	50.0	139	38	47.5	132
PSS40LS-17	120/240V, 3-Phase, 0.8 p.f.	40	50.0	120	38	47.5	114
PSS40LS-18	277/480V, 3-Phase, 0.8 p.f.	40	50.0	60	38	47.5	57
PSS50LS	120/240V, 1-Phase, 1.0 p.f.	50	50.0	208	45	45.0	187
PSS50LS-4	120/208V, 3-Phase, 0.8 p.f.	50	62.5	173	45	56.2	156
PSS50LS-17	120/240V, 3-Phase, 0.8 p.f.	50	62.5	150	45	56.2	135
PSS50LS-18	277/480V, 3-Phase, 0.8 p.f.	50	62.5	75	45	56.2	67
PSS75LS	120/240V, 1-Phase, 1.0 p.f.	70	70.0	291	75	75.0	312
PSS75LS-4	120/208V, 3-Phase, 0.8 p.f.	70	87.5	243	75	93.7	260
PSS75LS-17	120/240V, 3-Phase, 0.8 p.f.	70	87.5	211	75	93.7	225
PSS75LS-18	277/480V, 3-Phase, 0.8 p.f.	70	87.5	105	75	93.7	113

**NOTE: (1) Derate 3.5% per 1,000 feet elevation above sea level.**

- Full Engine Instrumentation - Water temperature, oil pressure, battery level
- Available with LP Liquid Withdrawal fuel system
- Ammeter, frequency meter and voltmeter standard
- Solid state voltage regulation
- Overspeed, low oil pressure, high water temperature, and overcrank protection with indicator lights
- Optional Level II engine controls available to meet NFPA 99 & NFPA 110 requirements with optional remote annunciator panel
- Electronic governor standard



Our reputation is built on the fact that you can count on **WINCO**'s 76+ years of experience to provide you with a standby system that performs again and again, year after year. We believe that every **WINCO** power product offers the “best value” in the market today.

# Portable Power In A Complete, Compact Package!

Nearly everyone has experienced the inconvenience that a power outage can cause. A standby generator can help you be prepared for those times.

**WINGO**'s PSS6H portable tri-fuel generator can provide you with power to run everyday equipment, such as lights, televisions, heating, air conditioning and refrigeration when utility service is temporarily down. This handy portable power system can keep you and your family comfortable during those untimely power interruptions.

The PSS6H offers the convenience of standby power along with the flexibility of operation on LP Vapor, Natural Gas or gasoline fuel. Whether at the cabin for the weekend, or staying at home, backup power is readily available with the PSS6H portable home power generator.

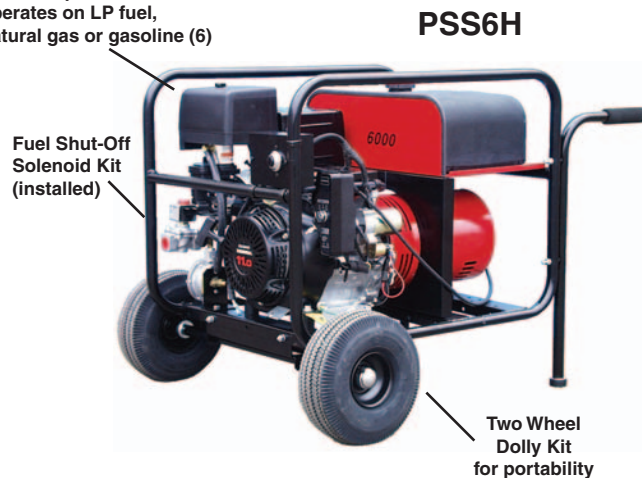
## Features:

- Powerful Honda V-Twin engine
- Wheel kit for portability
- Fuel shut off solenoid
- Float type battery charger
- Canvas cover for storage
- Manual Service transfer kit, including 12-foot cord with plug

## Benefits:

- Easy starting, optimum running
- Move to different locations as the need occurs
- Tri-fuel operation allows various fuel options
- Battery stays fully charged and ready when needed
- Light, compact design allows easy handling
- Quick, easy connection to electrical loads

Tri-Fuel Generator with 11 h.p. HONDA operates on LP fuel, natural gas or gasoline (6)



**PSS6H**

Fuel Shut-Off Solenoid Kit (installed)

Two Wheel Dolly Kit for portability

## PSS6H ELECTRICAL SPECIFICATIONS

Max/Cont Power Rating (1)	6000/5500 watts
AC Output Voltage (60hz)	120/240V, 1-Ph
Continuous Amp Rating (1)	45.8 amps/22.9 amps
Motor Starting Ability (1, 2)	2 h.p.
Cooling System	Air
Fuel Tank Capacity (gasoline)	4.5 gallons
Low Oil Protection	Standard
<b>ENGINE SPECIFICATIONS</b>	
Make/Model	Honda GX340 OHV
Rated Power @ 3600 rpm (1)	11 h.p.
Battery Rack/Cables (3)	Standard
Starting System	Electric/Recoil
<b>FUEL CONSUMPTION (FULL LOAD)</b>	
Gasoline Fuel	1.0 gal/hr
LP Gas Fuel (4)	1.9 gal/hr
Natural Gas Fuel	160 ft <sup>3</sup> /hr
<b>WARRANTY INFORMATION</b>	
Engine/Generator (5)	2 yrs/1 yr
<b>SIZE AND WEIGHT</b>	
L x W x H (generator only)	30" x 22" x 22"
Total Ship Weight	305 lbs.

## Included With PSS6H for a complete system:



Protective Canvas Cover for storage

Indoor load center for selected emergency circuits

12-foot cord with L14-30P plug for connection to generator

Manual Service Transfer Kit

Outdoor NEMA 3R enclosure for cord storage

Battery Charger to keep start battery fully charged

## NOTES:

- (1) Based on gasoline fuel. Derate 10% for LP gas, 20% for natural gas fuel. (2) Code G capacitor start motor. (3) Start battery not included. (4) One gallon of L.P. gas equals 4.23 lbs. (5) Standby use only - prime power or off grid use warranty is 90 Days. (6) Professional installation required - contact your local electrician for assistance in choosing the right generator for your needs.